

**§ 15.840 Able seamen.**

(a) With certain exceptions, 46 U.S.C. 8702 applies to all vessels of at least 100 gross tons. At least 65 percent of the deck crew of these vessels, excluding licensed individuals, must be able seamen. For vessels permitted to maintain a two watch system, the percentage of able seamen may be reduced to 50 percent.

(b) Able seamen are rated as: unlimited, limited, special, offshore supply vessel, sail, and fishing industry, under the provisions of part 12 of this chapter. 46 U.S.C. 7312 specifies the categories of able seamen (i.e., unlimited, limited, etc.) necessary to meet the requirements of 46 U.S.C. 8702.

(c) It is the responsibility of the master or person in charge to ensure that the able seamen in the service of the vessel meet the requirements of 46 U.S.C. 7312 and 8702.

**§ 15.845 Lifeboatmen.**

The number of lifeboatmen required for a vessel are specified in the parts of the regulations dealing with the inspection of that specific type of vessel.

**§ 15.850 Lookouts.**

The requirements for the maintenance of a proper lookout are specified in Rule 5 of the International Regulations for Preventing Collisions at Sea, 1972, and Rule 5 of the Inland Navigational Rules Act of 1980 (33 U.S.C. 2005). Lookout is a function to be performed by a member of a navigational watch.

**§ 15.855 Cabin watchmen and fire patrolmen.**

(a) On vessels carrying passengers at night, the master or person in charge shall ensure that a suitable number of watchmen are in the vicinity of the cabins or staterooms and on each deck, to guard against and give alarm in case of fire or other danger.

(b) On a fish processing vessel of more than 100 gross tons, there must be a suitable number of watchmen trained in firefighting on board when hot work is being done, to guard against and give alarm in case of a fire.

**§ 15.860 Tankerman.**

(a) The Officer in Charge, Marine Inspection, enters on the Certificate of Inspection issued to each manned tank vessel subject to the regulations in this chapter the number of crewmembers required to hold valid merchant mariners' documents with the proper tankerman endorsement. Table 15.860(a)(1) provides the minimal requirements for tankermen aboard manned tank vessels; Table 15.860(a)(2) provides the tankerman endorsements required for personnel aboard tankships.

(b) For each tankship of more than 5,000 gross tons certified for voyages beyond the Boundary Line:

(1) The number of "Tankerman-PICs" or restricted "Tankerman-PICs" carried must be not fewer than two.

(2) The number of "Tankerman-Assistants" carried must be not fewer than three.

(3) The number of "Tankerman-Engineers" carried must be not fewer than two.

(c) For each tankship of 5,000 gross tons or less certified for voyages beyond the Boundary Line:

(1) The number of "Tankerman-PICs" or restricted "Tankerman-PICs" carried must be not fewer than two.

(2) The number of "Tankerman-Engineers" carried must be not fewer than two, unless only one engineer is required, in which case the number of "Tankerman-Engineers" carried may be just one.

(d) For each tankship not certified for voyages beyond the Boundary Line, if the total crew complement is:

(1) One or two, the number of "Tankerman-PICs" or restricted "Tankerman-PICs" carried may be just one.

(2) More than two, the number of "Tankerman-PICs" or restricted "Tankerman-PICs" carried must be not fewer than two.

(e) For each tank barge manned under § 31.15-5 of this chapter, if the total crew complement is:

(1) One or two, the number of "Tankerman-PICs", restricted "Tankerman-PICs", "Tankerman-PICs (Barge)", or restricted "Tankerman-PICs (Barge)" carried may be just one.

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(2) More than two, the number of “Tankerman-PICs”, restricted “Tankerman-PICs”, “Tankerman-PICs (Barge)”, or restricted “Tankerman-PICs (Barge)” carried must be not fewer than two.

(f) The following personnel aboard each tankship certified for voyages beyond the Boundary Line shall hold valid merchant mariners’ documents, endorsed as follows:

(1) The master and chief mate shall each hold a “Tankerman-PIC” or restricted “Tankerman-PIC” endorsement.

(2) The chief, first assistant, and cargo engineers shall each hold a “Tankerman-Engineer” or “Tankerman (PIC)” endorsement.

(3) Each licensed person acting as the PIC of a transfer of liquid cargo in bulk shall hold a “Tankerman-PIC” or restricted “Tankerman-PIC” endorsement.

(4) Each licensed or unlicensed person, who is assigned by the PIC duties and responsibilities related to the cargo or cargo-handling equipment during a transfer of liquid cargo in bulk but is not directly supervised by the PIC, shall hold a “Tankerman-Assistant” endorsement.

(g) The endorsements required by this section must be for the classification of the liquid cargo in bulk or of the cargo residue being carried.

TABLE 15.860(a)(1).—MINIMAL REQUIREMENTS FOR TANKERMAN ABOARD MANNED TANK VESSELS

Tank vessels	Tankerman PIC	Tankerman assistant	Tankerman engineer	Tankerman PIC or tankerman PIC (barge)
Tankship Certified for Voyages Beyond Boundary Line:				
Over 5000 GT .....	2	3	2	.....
5000 GT or less .....	2	.....	*2	.....
Tankship Not Certified for Voyages Beyond Boundary Line .....	**2	.....	.....	.....
Tank Barge Certified for Voyages Beyond Boundary Line .....	.....	.....	.....	***2

\* If only one engineer is required, then only one Tankerman Engineer is required.

\*\* If the total crew complement is one or two persons, then only one Tankerman PIC is required.

\*\*\* If the total crew complement is one or two persons, then only one Tankerman PIC or Tankerman PIC (Barge) is required.

TABLE 15.860(a)(2).—TANKERMAN ENDORSEMENTS REQUIRED FOR PERSONNEL ABOARD TANKSHIPS  
[Endorsement for the Classification of the Bulk Liquid Cargo or Residues Carried]

Tankship certified for voyages beyond boundary line	Tankerman PIC	Tankerman engineer	Tankerman assistant
Master .....	✓		
Chief Mate .....	✓		
Chief Engineer .....	✓	or	✓
First Assistant Engineer .....	✓	or	✓
Cargo Engineer .....	✓	or	✓
Licensed Person Acting as PIC of Transfer of Liquid Cargo in Bulk .....	✓		
Licensed or Unlicensed Person Not Directly Supervised by PIC .....	.....	.....	✓

[CGD 79-116, 60 FR 17154, Apr. 4, 1995]

## Subpart H—Equivalents

## § 15.901 Inspected vessels of less than 100 gross tons.

(a) An individual holding a license as mate or pilot of inspected, self-propelled vessels of over 200 gross tons is authorized to serve as master on inspected vessels of less than 100 gross tons within any restrictions on the individual’s license.

(b) An individual holding a license authorizing service as master or mate of inspected, self-propelled vessels is authorized to serve as master or mate, respectively, of non-self-propelled vessels other than sail vessels, within any restrictions on the individual’s license.

(c) An individual holding a license authorizing service as master or mate of inspected, sail vessels is authorized to serve as master or mate, respectively, of other non-self-propelled vessels, within any restrictions on the individual’s license.